DATA SHEET

Fiber Optic Cables

Simplex 0.6mm Tight Tube LSFH Ø 1.4mm

01-.../VJH-...14

Properties

- Metal free indoor cable
- Strain relieved with aramide yarn
- Tube can be stripped minimal 50mm in one piece
- Low smoke, halogen free and self-extinguishing



Jacket colour



Construction		
Fiber	Quantity: up to	1
	Type	uncoloured
Tube	Quantity	1 pcs
	Diameter	0.6 mm
Strain relief	Type	aramide yarn
Outer jacket	Material	LSFH
	Diameter	1.4mm

Environmental data		
Temperature	Standard	IEC 60794-1-2 F1
	During installation	-10 °C ... 50 °C
	In service	-25 °C ... 70 °C
	In storage	-40 °C ... 70 °C

Mechanical data		
Weight		approx. 2 g/m
Tensile strength	Standard	IEC 60794-1-2 E1
	During installation	150 N
	In service	100 N
Min. bending radius	Standard	IEC 60794-1-2 E11
	During installation	25 mm
	In service	25 mm
Repeated bending	Standard	IEC 60794-1-2 E6
	Radius	25 mm
	Cycles	1000
Crush resistance	Standard During installation In service	IEC 60794-1-2 E3 2000 N/dm 500 N/dm

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Mechanical data		
Impact resistance	Standard Energy Cycles	IEC 60794-1-2 E4 0.74 J 10

Colours	
Fiber	E9A2: transparent
Tube	Transparent
Standard outer jacket colours	Yellow
	Orange
	Turquoise
	Heather violet
	Lime-Green

Type of fiber	
Fiber type	**Fiber standard**
G50/125-OM3	according to IEC 60793-2-10 A1-OM3b
G50/125-OM2	according to IEC 60793-2-10 A1-OM2b + ITU-T G.651.1
G50/125-OM4	according to IEC 60793-2-10 A1-OM4b
G50/125-OM5	according to IEC 60793-2-10 A1-OM5b
G62,5/125-OM1	according to IEC 60793-2-10 A1-OM1
E9/125	according to IEC 60793-2-50 B-652.D + ITU-T G.652.D

Fiber colour code

	1	2	3	4	5	6	7	8	9	10	11	12
H+S Standard	Red	Green	Yellow	Blue	White	Violet	Orange	Black	Grey	Brown	Heather violet	Turquoise
DIN	Red	Green	Blue	Yellow	White	Grey	Brown	Violet	Turquoise	Black	Orange	Heather violet
TIA	Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Violet	Heather violet	Turquoise
IEC	Blue	Yellow	Red	White	Green	Violet	Orange	Grey	Turquoise	Black	Brown	Heather violet

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